

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/058,820A
Source: 1FW16
Date Processed by STIC: 4/1/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 04/01/2005

PATENT APPLICATION: US/10/058,820A

TIME: 14:57:45

Input Set : A:\0399.2025-002 SUBSTITUTE seq listing.txt

Output Set: N:\CRF4\04012005\J058820A.raw

4 <110> APPLICANT: Bogan, Jonathan S.
 5 Lodish, Harvey F.
 7 <120> TITLE OF INVENTION: Expression Cloning Method
 10 <130> FILE REFERENCE: 0399.2025-002
 12 <140> CURRENT APPLICATION NUMBER: US 10/058,820A
 13 <141> CURRENT FILING DATE: 2002-01-28
 15 <150> PRIOR APPLICATION NUMBER: US 60/325,651
 16 <151> PRIOR FILING DATE: 2001-09-28
 18 <150> PRIOR APPLICATION NUMBER: US 60/298,963
 19 <151> PRIOR FILING DATE: 2001-06-18
 21 <150> PRIOR APPLICATION NUMBER: US 60/264,816
 22 <151> PRIOR FILING DATE: 2001-01-26
 24 <160> NUMBER OF SEQ ID NOS: 24
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

1344 <210> SEQ ID NO: 23
 1345 <211> LENGTH: 212
 1346 <212> TYPE: PRT
 1347 <213> ORGANISM: Unknown
 1349 <220> FEATURE:
 1350 <223> OTHER INFORMATION: L1 predicted secondary structure
 E--> 1352 <400> SEQUENCE: ①23<

1353	Cys	Cys	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Cys	Cys	Cys	Cys	Cys	Cys
1354	1				5					10					15	
1355	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1356					20					25					30	
1357	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1358					35					40					45	
1359	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1360					50					55					60	
1361	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1362	65									70					75	
1363	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1364					85					90					95	
1365	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1366					100					105					110	
1367	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1368					115					120					125	
1369	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1370					130					135					140	

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```

1371 Cys Cys Cys Cys Cys Cys Cys Cys Cys Cys Glu Glu Cys Cys Cys
1372 145          150          155          160
1373 His His His His His His His Cys Cys Cys Cys Cys His His His
1374          165          170          175
1375 His His His His His His His His His His His His His His His
1376          180          185          190
1377 His His His His His His His Cys Cys Cys Cys His His His His His
1378          195          200          205
1379 His Cys Cys Cys
1380          210

```

1383 <210> SEQ ID NO: 24

1384 <211> LENGTH: 212

1385 <212> TYPE: PRT

1386 <213> ORGANISM: Unknown

1388 <220> FEATURE:

1389 <223> OTHER INFORMATION: L1 target sequence

E--> 1391 <400> SEQUENCE: ②24←

```

1392 Ser Ala Thr Ile Arg Phe Val Ile Lys Gln Cys Asp Thr Ala Gly Lys
1393 1          5          10          15
1394 Gln Glu Ser Ile Ala Val Arg Ser Lys Ala Pro Gly Ser Pro Val Ser
1395          20          25          30
1396 Ser Leu Ser Ala Asp Gln Ala Ser Ser Ser Thr Leu Leu Pro Leu Asn
1397          35          40          45
1398 Ser Gly Glu Phe Ser Arg Gly Asp Leu Asn His Glu Gly Asp Ala Asn
1399          50          55          60
1400 Thr Ser Gly Thr Gly Leu Glu Gly Gly Pro Lys Pro Thr Asp Ala Gln
1401 65          70          75          80
1402 Thr Lys Gln Ser Thr Ser Glu Pro Ala Ser Ala Pro Phe Val Pro Phe
1403          85          90          95
1404 Ser Gly Gly Gly Gln Arg Leu Gly Gly Pro Ser Ala Ser Leu Arg Pro
1405          100         105         110
1406 Leu Thr Ser Pro Ser Ala Asn Ser Ser Lys Ser Phe Ser Gly Pro Gly
1407          115         120         125
1408 Gly Pro Ser Lys Pro Lys Lys Pro Lys Pro Gly Glu Glu Pro Gln Gln
1409          130         135         140
1410 Glu Pro Glu Pro Pro Val Asp Arg Asp Pro Val Val Tyr His Pro Asp
1411 145         150         155         160
1412 Leu Glu Asp Leu Leu Gln Pro Trp Pro Ala Glu Val Pro Asp Glu Phe
1413          165         170         175
1414 Phe Glu Val Thr Val Asp Asp Val Arg Arg Arg Leu Ala Gln Leu Lys
1415          180         185         190
1416 Ser Glu Arg Lys Arg Leu Glu Glu Ala Pro Leu Val Thr Lys Ala Phe
1417          195         200         205
1418 Arg Glu Ala Gln
1419          210

```

VERIFICATION SUMMARY

DATE: 04/01/2005

PATENT APPLICATION: US/10/058,820A

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Input Set : A:\0399.2025-002 SUBSTITUTE seq listing.txt

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L:553 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:557 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:561 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:565 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:569 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:573 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:577 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:581 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:585 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:589 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:593 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:597 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:601 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:605 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:609 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:613 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:617 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:621 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:625 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:629 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:633 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:637 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:641 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:645 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:649 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:653 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:657 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:661 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:665 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:669 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:673 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:677 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:681 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:685 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:689 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:693 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:697 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:701 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:705 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:709 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:713 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:717 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:721 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:725 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:729 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:733 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:737 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:741 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10

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L:745 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10

L:749 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10

L:753 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10

L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:32

M:341 Repeated in SeqNo=10

L:1352 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:23 differs:1

L:1391 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:24 differs:2